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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
09/11/08 – 09/17/08**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Placement of the aggregate base, compaction for the roadway at the south west corner of 24<sup>th</sup> Street.

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Benning Rd Reconstruction  
Project Field Office  
1322A H Street NE  
Washington, DC 20002  
(o) 202.388.3081 (f) 202.388.3083

## EXECUTIVE SUMMARY

### **Project Description**

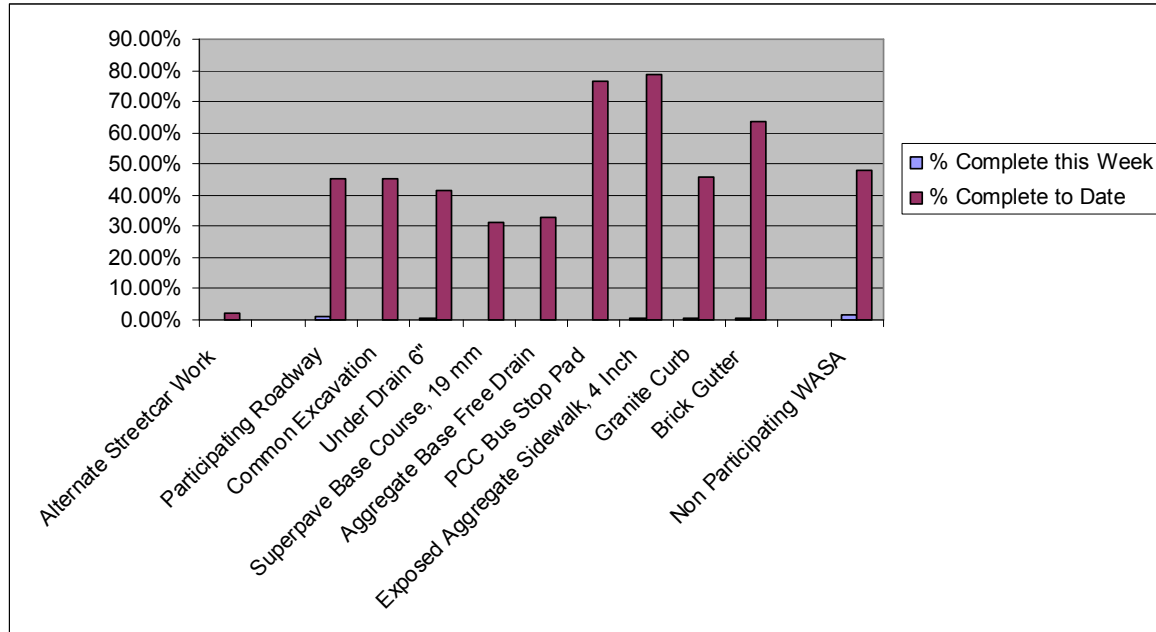
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## WORK PERFORMED

For the week ending September 17, 2008, the following specific construction progress has been made in the areas listed:

### 1. Thursday 09/11:

#### Benning Road:

Excavation of Roadway at the south East Corner of 21<sup>st</sup> Street. Excavation for and Placement of Planting soil Mix on the south side between 20<sup>th</sup> Street and 21<sup>st</sup> Street. Excavation for and Placement of Graded Aggregate Base and Compaction for the placement of the Roadway on the north side from 19<sup>th</sup> Street to 20<sup>th</sup> Street. Installation of Cobble-Stone on the north side between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Slicing of Cable at Manhole #28 and #29 between 21<sup>st</sup> Street and 23<sup>rd</sup> Street.

#### Bladensburg Rd/ Morse Street:

Continue working on watermain "D" & "I"

#### 15<sup>th</sup> Street:

Repair Erosion/ Sediment Control.

#### H Street:

Excavation for and the installation of the 12" Ductile Iron Pipe, 45 degree bend. Backfill of the work area upon completion and placement of Temporary Asphalt.

#### Maryland Ave North:

Installation of 1 #16 Cast iron light pole.

#### Maryland Ave South:

Installation of 15 #16 cast Iron light poles.

### 2. Friday 09/12:

#### Benning Road:

Prepared formwork, compacted of the graded aggregate base and placed concrete for the B.P. driveway on the northside of 21<sup>st</sup> Street. Excavation for, the placement of the Geo-Fabric, Placement of the Graded Aggregate base, compaction for the roadway at the south west corner of 24<sup>th</sup> Street. Prepared formwork and placed concrete for catch basin #18 at the south side of 20<sup>th</sup> Street. Installation of cobblestone on the north side between 19<sup>th</sup> street and 21<sup>st</sup> Street. Installation of Granite Curb on the north side at the intersection of 21<sup>st</sup> Street. Construction of the Bricked Manhole on the south side at 20<sup>th</sup> Street.



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Bladensburg Rd/Morse St:

Continued working on Watermain D and I at intersection. Unable to located the air leak.

Bladensbrg Road East side and south bound land:

Removal of the existing Fire Hydrant. Replacement of the fire hydrant with a high traffic fire hydrant. Move Barrier Walls to median to begin work at the curb lane.

H Street:

Excavation for, installation and backfill of the 12" Ductile Iron Pipe at the watermain "A". Placement of the temporary Asphalt upon the completion of the installation of the pipe.

**3. Saturday 09/13:**

Benning Road:

Maintenance of Traffic (MOT); Moved MOT barriers wall to the median according to the approved MOT plan between 15<sup>th</sup> Street and 20<sup>th</sup> Street.

H Street/ Maryland Ave/ 14<sup>th</sup> Street north side:

Change 1" pipe between gas line and Resident 1433. Excavation and backfill of the electrical manhole #2 and #6.

Bladensburg Rd/ Maryland Ave/ 14<sup>th</sup> Street at Intersection:

Installation of the 12" Ductile Iron Pipe.

**4. Sunday 09/14:**

No work completed.



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## **5. Monday 09/15:**

### PEPCO work:

Continuation of the excavation and the shoring up of the trench line. Layout and the sawcutting of the trenching for conduit by at the north east corner of 14<sup>th</sup> Street and H Street. Commencement of work at manhole #23; define work area, saw cut and excavation of the preexisting roadway. Excavate 4.5', Installation of Ring #1 whalers. Hand dig around existing utilities. Continue the excavation for the Manhole #19. Installation of the ring #3 whalers and the installation of sheeting. Markout, excavate and remove for the curb lane asphalt for the new PEPCO feeder line.

### Benning Road:

Excavation and placement of granite curb at the intersection of 21<sup>st</sup> Street. Excavation for and formwork installation for the preparation of the installation of the exposed aggregate walk on the north side between 21<sup>st</sup> Street and 20<sup>th</sup> Street. Excavation for the roadway, installation of conduit and installation of the handbox at south east corner of 21<sup>st</sup> Street. Installation of cobblestone on the north side between 20<sup>th</sup> Street and 21<sup>st</sup> Street. Completion of the brickwork for the construction of the manhole #15A at 20<sup>th</sup> Street. Placement of concrete base for the installation of the brick gutter and the installation of the curb at the South East corner of 24<sup>th</sup> Street. Re-installation of 6" Underdrain at the south west corner of 24<sup>th</sup> Street.

### Bladensburg Rd/ Morse Street:

Excavation work to locate the air leak at the 24" Watermain..

### Maryland Ave:

Excavation for and the installation of the 15" PCC Pipe from manhole #16 to Catch Basin #26.

### H Street:

Excavation for and the Installation of the 12' Ductile Iron Pipe. Backfill for the Watermain A.



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**6. Tuesday 09/16:**

PEPCO work:

Continue the excavation and shoring of 187 LF trench cut for the PEPCO Feederline. Installation of additional 10 way 5" Fiberglass Conduit for the duct bank. Encasement of concrete for the conduit installation. Excavation and installation of sheeting at manhole #23. Installation of sheeting at Manhole #19.

Benning Road:

Compaction of the graded aggregate base and the installation of the brick gutter at the southwest corner of 24<sup>th</sup> Street. Excavation and Removal of material, removal of excavated material and the placement of planting soil mix between 20<sup>th</sup> Street and 21<sup>st</sup> Street. Installation of the 6" Underdrain and the installation of the cobblestone between 20<sup>th</sup> Street and 21<sup>st</sup> Street. Place Agregate Base Sidewalk at these locations. Placement of the aggregate base and the splicing of wiring at Manholes #80, #84 & #60.

Bladensburg Rd/ Morse Street:

Placement of concrete for the catch basin #26. Repairing of the 24" Water main air leak.

**7. Wednesday 09/17:**

PEPCO work:

Continuation of the excavation and installation of 140 LF of 5" 10 Way fiberglass conduit. Encasement of the northside feederline and the continuation of the excavation and shoring of the trench. Continuation of the hand dig and the shoring at Manhole #19 and manhole #23.

Benning Road:

Excavation in preparation of the sidewalk installation at the south west corner of 23<sup>rd</sup> Street. Excavation for the roadway preparation at the south east corner of 20<sup>th</sup> Street. Installation of the 6" underdrain at the south east corner of 20<sup>th</sup> Street. Electrical Splicing at 15<sup>th</sup> Street. Placement of the temporary crosswalk from the north side to the south side at the 1500 block.

Maryland Avenue South:

Installation of the 12" Ductile Iron Pipe.

## Utilities Reconstruction Update 9-17-08

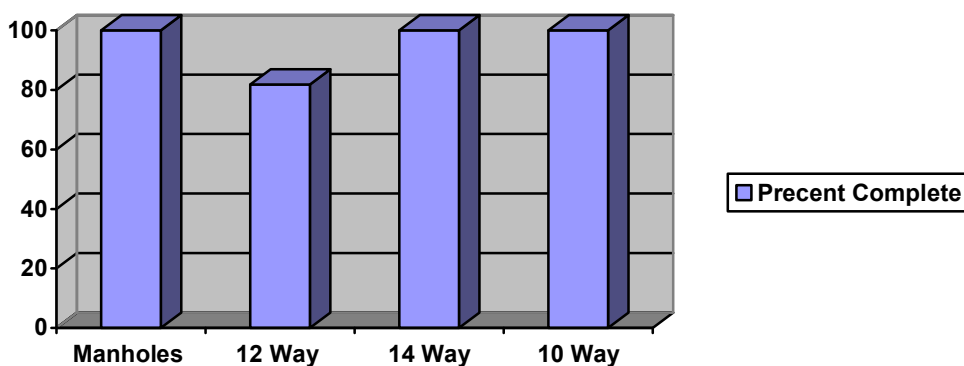
### PEPCO:

#### Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes:	20	%Complete:	100%
12 Way Length Complete:	6351'	Total Length:	7764'	%Complete:	81.8%
14 Way Length Complete:	1619'	Total Length:	1619'	%Complete:	100%
10 Way Length Complete:	34'	Total Length:	34'	%Complete:	100%

Note: Over 45 days behind schedule. Schedule overrun is impacting critical intersection completion at 19<sup>th</sup> Street.

- 3 additional manholes have been completed within this weekly report period.
- 1075 feet additional 12 Way has been reported to be complete this week.
- Work on the Starburst Area distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> Street, has yet to be started. Percent complete for this work is 0%. Start date is to be determined.



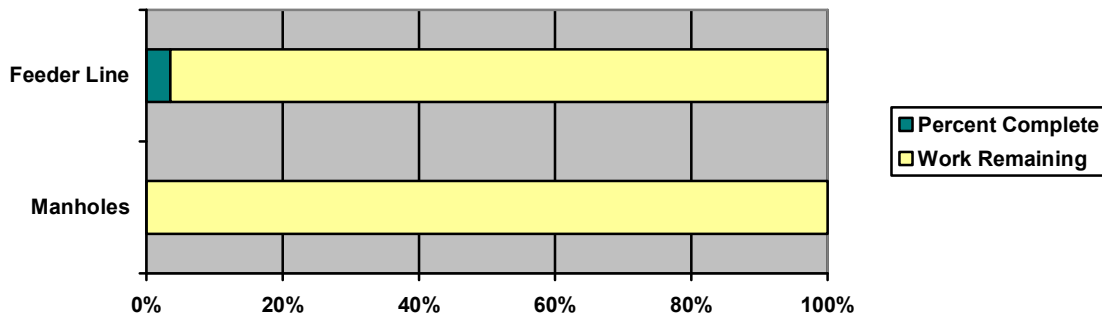
### PEPCO Feeder Line Replacement:

4000' total feeder  
 6 Manholes total

140 feet complete  
 0 completed

3.5% complete  
 0% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



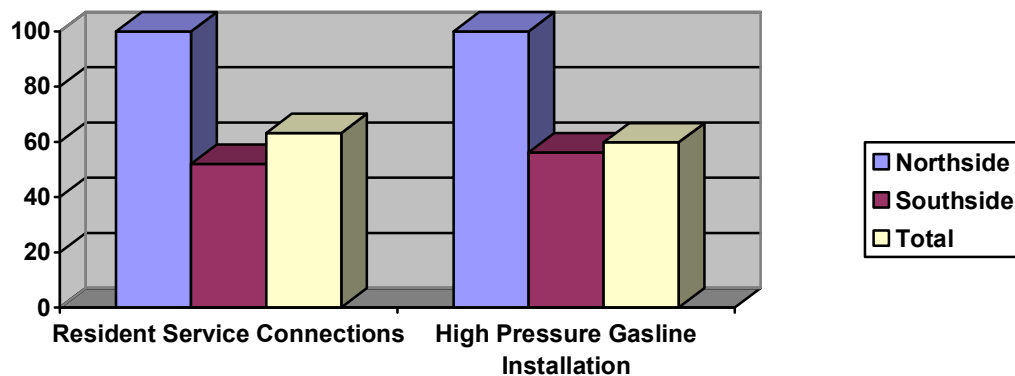
- 140 feet of feeder line was installed within this weekly report period
- Work on 2 manholes is currently being performed. No manholes have been completed to date.

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

## Washington Gas:

Schedule for the Resident Service Connections and High Pressure gas line installation is on track.

**Graph: Percent of Work Completed**



### Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Work completed this week: 11 Connections completed  
400' of Gas Main installed

### Southside:

Completed Connections:	23	Total Connections	44	%Complete:	52%
Gas Main install complete:	1870'	Total Length	3325'	%Complete:	56.2%

### Project Totals:

Completed Connections:	66	Total Connections	87	%Complete:	75.9%
Gas Main install complete:	3160'	Total Length	4615'	%Complete:	68.5%

## Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19<sup>th</sup> Street. Electrical connections for this shelter are pending.



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**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 9-15-08 TO 9-30-08**

**Bladensburg Rd. & Morse St**

- 9-15-08 Continue working on MH19 (3 days)
- 9-15-08 Continue water main D & I (10 days)
- 9-15-08 Build CB26 and make connection to MH16S

**15<sup>th</sup> & Benning S/S**

- 9-15-08 Continue with watermain A (10 days)

**19<sup>th</sup> St. to 21<sup>st</sup> St. N/S and S/S**

- 9-15-08 Continue with sidewalk, cobblestones and wheelchair ramps (10 days)

**24<sup>th</sup> & Benning Rd. SWC**

- 9-15-08 Begin setting granite curb and brick gutter (2 days)
- 9-16-08 Begin construction of wheelchair ramps (2 days)

**20<sup>th</sup> & Benning Rd. SEC**

- 9-16-08 Begin roadway excavation ( 3 days)
- 9-18-08 Begin Underdrain installation (2 days)
- 9-22-08 Begin setting granite curb and brick gutter ( 5 days)
- 9-25-08 Begin sidewalk construction and wheelchair ramps (4 days)

**Nationwide Electrical**

- 9-15-08 Conduit installation at SEC 21<sup>st</sup> & Benning Rd. (4 days)
- 9-16-08 Conduit installation in 1400 blk. H St.
- 9-17-08 Conduit installation at SEC 20<sup>th</sup> & Benning Rd.

**Attachment B: Progress Photos of Work Performed this Week**



Formwork and Grading for the installation of the exposed aggregate sidewalk at 21<sup>st</sup> Street.



Installation of catch basin and granite curbs at 20<sup>th</sup> Street.



Installation of a landscaping retaining wall at 21<sup>st</sup> street.



Installed granite curb and gutter and the installation of the graded base for the side walk construction at 21<sup>st</sup> Street.



Installation of the cobblestone between 20<sup>th</sup> Street and 21<sup>st</sup> Street.



Prepared formwork, compacted of the graded aggregate base and placed concrete for the B.P. driveway on the northside of 21<sup>st</sup> Street.